This criterion is linked to a Learning OutcomeTitle

- An informative title is included in the PDF.  
- Tell the reader what your story is - don't waste their time.  
- Ideally tell them what happens at the end of the story.  
- "Problem Set X" is NOT an informative title.

Authors, Data, Repo

The author and date are clearly included under the title. A link to a GitHub repo is also contained (likely, but not necessarily, through a statement in the report such as: 'Code and data supporting this analysis is available at: X').

Introduction:

outline the structure of the report.

This criterion is linked to a Learning OutcomeData

When you discuss the dataset (in the data section) you should make sure to discuss at least:  
- The source of the data.  
- The methodology and approach that is used to collect and process the data.  
- The population, the frame, and the sample.  
- Information about how respondents were found. What happened to non-response?  
- What are its key features􏰍 strengths􏰍 and weaknesses about the survey generally.  
- This is just some of the issues strong submissions will consider. Show off your knowledge. If this becomes too detailed then you should push some of this to footnotes or an appendix.  
- You should thoroughly discuss the variables in the dataset that you use. Are there any that are very similar that you nonetheless don't use? Did you construct any variables by combining various ones?  
- What do the data look like?  
- Plot. The. Raw. Data. (or as close as you can get to it).  
- Exceptional means that when I read your submission I learn something about the dataset that I don't learn from any other submission (within a reasonable measure of course).

Model:修改

Discussion

This criterion is linked to a Learning OutcomeDiscussion

1. Discussion and results will likely require summary statistics, tables, graphs, images, and possibly statistical analysis or maps.
2. Show the reader the dataset by plotting the data. Talk about it. Explain it. It is this dataset that will allow you to tell your story, so if the reader isn't comfortable with it then they will be difficult to convince.
3. Explain where the dataset came from, the bias that may exist, and what you did to adjust for that.
4. Note this is different to EDA which is a more free-flowing narrative - instead this section must tell the reader exactly what they need to know about your dataset - not everything that you tried, or the journey you went on.
5. Code for these aspects does not have to be included (and likely should not be included) as part of the main content but must be included in appendices or in linked GitHub repos.
6. Shortcomings or weaknesses of the survey, sampling approach, and/or analysis are thoroughly discussed.

Results

7.Results will likely require summary statistics, tables, graphs, images, and possibly statistical analysis or maps.

1. Show the reader the results by plotting them. Talk about them. Explain them. That said, this section should strictly relay results.

最后：

This criterion is linked to a Learning OutcomeNumbering

All figures/tables/equations/etc are numbered and referred to in the text.

This criterion is linked to a Learning OutcomeProofreading

All aspects of submission are free of noticeable typos.

Graphs, Tables, etc.

Any graphs/tables/images/summary statistics that are used must be of an incredibly high standard.􏰑 They must be well formatted and report-􏰁ready􏰑 They should be clean and digestible.􏰑  
They:  
1) serving a clear purpose;  
2) fully self-contained through appropriate use of labels/explanations, etc; and  
3) appropriately sized and coloured (or appropriate significant figures in the case of stats).  
- Code for these aspects does not have to be included (and likely should not be included) as part of the main content but must be included in appendices or in a linked repo that is mentioned in your main content.

This criterion is linked to a Learning OutcomeReferences

- All data/software/literature/etc are appropriately noted, and cited in a consistent way that matches a major citation style.  
- You must cite the software and software packages that you use.  
- You must cite the datasets that you use.  
- You must cite any methodologies or ideas (not directly covered in the lectures or pre-requisite courses) that you used.

Reproducibility

- Given the circumstances, the report and analysis appear to be as reproducible as possible.  
- Given the nature of how the GSS is obtained, you do not have to use code to actually download it but you must document how you got it.  
- This likely involves features such as the use of code to import data, prepare it, create plots, conduct analysis, and generate documents; the use of seeds where possible.  
- Code examples from class are over-documented for the purpose of helping you learn - e.g. in your submission you wouldn't need to explain what 'mutate' is doing.  
- If you screenshot your code and then include the image then this will be given 0 as it is not possible to test.  
- You must appropriately document your scripts such that someone coming in could follow them.  
- Your repo must be thoroughly organized.